

Pumpkin Ale

- Gravity **12.1 BLG**
- ABV ---
- IBU **22**
- SRM **12.5**
- Style **Christmas/Winter Specialty Spiced Beer**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **25 liter(s)**

Steps

- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **90 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **20 liter(s)** of strike water to **69.5C**
- Add grains
- Keep mash **30 min** at **64C**
- Keep mash **90 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **11.4 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|--------------|-------|-----|
| Grain | Strzegom Pale Ale | 3 kg (60%) | 80 % | 5 |
| Grain | Strzegom Karmel 150 | 0.5 kg (10%) | 80 % | 150 |
| Grain | Oats, Flaked | 0.3 kg (6%) | 80 % | 2 |
| Grain | Strzegom Pilzniejszy | 1 kg (20%) | 80 % | 4 |
| Grain | Strzegom Pszeniczny | 0.2 kg (4%) | 81 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------------|--------|--------|------------|
| Boil | Challenger | 10 g | 60 min | 7 % |
| Boil | Kent Goldings | 50 g | 5 min | 6 % |
| Boil | Challenger | 40 g | 5 min | 7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 12 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-----------------------|--------|-----------|----------|
| Water Agent | Gips | 3 g | Mash | 0 min |
| Other | Melasa Pieczonej Dyni | 2500 g | Mash | 0 min |
| Other | Łuski ryżowe | 500 g | Mash | 1 min |
| Spice | Przyprawa pumpkin pie | 20 g | Boil | 5 min |
| Fining | Mech Irlandzki | 5 g | Boil | 5 min |
| Spice | Cynamon | 5 g | Boil | 5 min |
| Fining | Żelatyna | 5 g | Secondary | 3 day(s) |

Notes

- Burzliwa 20oC 7 dni,
Cicha 22oC, 7 dni
Mar 23, 2016, 7:49 PM